

## CLAIMS

What is claimed is:

1. A method, comprising:

5 receiving a document for printing in an image forming device, wherein  
a print mode setting is associated with the document; and  
printing at least a portion of the document monochromatically or in  
color based upon the print mode setting and a state of a print mode actuator in the  
image forming device.

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2. The method of claim 1, wherein the printing of the at least a portion of  
the document monochromatically or in color based upon the print mode setting and  
the state of the print mode actuator in the image forming device further comprises  
15 implementing an execution of a monochromatic raster image processing of the  
document if the print mode setting specifies a monochromatic print setting.

20 3. The method of claim 1, wherein the print mode actuator includes at  
least an application state and a monochromatic override state, and the printing of  
the at least a portion of the document monochromatically or in color based upon the  
print mode setting and the state of the print mode actuator in the image forming  
device further comprises implementing an execution of a color raster image  
processing of the document if the print mode actuator is in the application state and  
25 the print mode setting specifies a color print setting.

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4. The method of claim 1, wherein the print mode actuator includes at least an application state and a monochromatic override state, and the printing of the at least a portion of the document monochromatically or in color based upon the print mode setting and the state of the print mode actuator in the image forming device further comprises implementing an execution of a monochromatic raster image processing of the document if the print mode actuator is in the monochromatic override state and the print mode setting specifies a color print setting, thereby overriding the color print setting in the document.

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5. The method of claim 1, further comprising:

implementing an execution of a raster image processing of the document, wherein the raster image processing is of one of a monochromatic raster image processing or a color raster image processing;

15 detecting a change in the state of the print mode actuator during the execution of the raster image processing of the document; and

transitioning the raster image processing of the document at a transition point in response to the change in the state of the print mode actuator.

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6. The method of claim 5, wherein the transitioning is upon completion of the monochromatic or color raster image processing of a strip of the document that was in progress at the time of the change in the state of the print mode actuator.

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7. The method of claim 5, wherein the transitioning is upon completion of the monochromatic or color raster image processing of a page of the document that was in progress at the time of the change in the state of the print mode actuator.

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8. The method of claim 1, further comprising:  
executing one of a monochromatic raster image processing or a color  
raster image processing of the document;  
detecting a change in the state of the print mode actuator during the  
5 execution of the one of the monochromatic raster image processing or the color  
raster image processing of the document; and  
completing the monochromatic raster image processing or the color  
raster image processing of the document even though a change in the state of the  
print mode actuator is detected that results in an inconsistency between the state of  
10 the print mode actuator and the raster image processing of the document that was  
in progress at the time of the change in the state of the print mode actuator.

9. A program embodied in a computer readable medium, comprising:  
15 code that identifies a print mode setting associated with a document  
received for printing in an image forming device; and  
code that implements a printing of at least a portion of the document  
monochromatically or in color based upon the print mode setting and a state of a  
print mode actuator in the image forming device.

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10. The program embodied in the computer readable medium of claim 9,  
wherein code that implements the printing of the at least a portion of the document  
monochromatically or in color based upon the print mode setting and the state of  
25 the print mode actuator in the image forming device further comprises code that  
implements an execution of a monochromatic raster image processing of the  
document if the print mode setting specifies a monochromatic print setting.

11. The program embodied in the computer readable medium of claim 9,  
wherein the print mode actuator includes at least an application state and a  
monochromatic override state, and the code that implements the printing of the at  
least a portion of the document monochromatically or in color based upon the print  
5 mode setting and the state of the print mode actuator in the image forming device  
further comprises code that implements an execution of a color raster image  
processing of the document if the print mode actuator is in the application state and  
the print mode setting specifies a color print setting.

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12. The program embodied in the computer readable medium of claim 9,  
wherein the print mode actuator includes at least an application state and a  
monochromatic override state, and the code that implements the printing of the at  
least a portion of the document monochromatically or in color based upon the print  
15 mode setting and the state of the print mode actuator in the image forming device  
further comprises code that implements an execution of a monochromatic raster  
image processing of the document if the print mode actuator is in the  
monochromatic override state and the print mode setting specifies a color print  
setting, thereby overriding the color print setting in the document.

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13. The program embodied in the computer readable medium of claim 9,  
further comprising:  
code that implements an execution of a raster image processing of  
25 the document, wherein the raster image processing is one of a monochromatic  
raster image processing or a color raster image processing;  
code that detects a change in the state of the print mode actuator  
during the execution of the raster image processing of the document; and  
code that transitions the raster image processing of the document at a  
30 transition point in response to the change in the state of the print mode actuator.

14. The program embodied in the computer readable medium of claim 13,  
wherein the code that transitions further comprises code that implements the  
transition upon completion of the monochromatic or color raster image processing  
of a strip of the document that was in progress at the time of the change in the state  
5 of the print mode actuator.

15. The program embodied in the computer readable medium of claim 13,  
wherein the code that transitions further comprises code that implements the  
10 transition upon completion of the monochromatic or color raster image processing  
of a page of the document that was in progress at the time of the change in the  
state of the print mode actuator.

15 16. An image forming device, comprising:  
a print mode actuator disposed on the image forming device having a  
first state and a second state; and  
a print engine configured to implement a printing of at least a portion  
of a document monochromatically or in color based upon a print mode setting  
20 associated with the document and based upon a state of the print mode actuator in  
the image forming .

17. The image forming device of claim 16, wherein print engine is further  
25 configured to implement an execution a monochromatic raster image processing of  
the document if the print mode setting specifies a monochromatic print setting.

18. The image forming device of claim 16, wherein the first state is an application state and the second state is a monochromatic override state, and the print engine is further configured to implement an execution of a color raster image processing of the document if the print mode actuator is in the application state and  
5 the print mode setting specifies a color print setting.

19. The image forming device of claim 16, wherein the first state is an application state and the second state is a monochromatic override state, and the  
10 print engine is further configured to implement an execution of a monochromatic raster image processing of the document if the print mode actuator is in the monochromatic override state and the print mode setting specifies a color print setting, thereby overriding the color print setting in the document.

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20. The image forming device of claim 16, the print engine is further configured to detect a change in the state of the print mode actuator during an execution of a raster image processing of the document, wherein the raster image processing is one of a monochromatic raster image processing or a color raster  
20 image processing.

21. The image forming device of claim 20, the print engine is further configured to implement a transition of the raster image processing of the document  
25 at a transition point in response to the change in the state of the print mode actuator.

22. The image forming device of claim 21, wherein the print engine is further configured to implement the transition upon completion of the  
30 monochromatic or color raster image processing of a strip of the document that was in progress at the time of the change in the state of the print mode actuator.

23. The image forming device of claim 21, wherein the print engine is further configured to implement the transition upon completion of the monochromatic or color raster image processing of a page of the document that was in progress at the time of the change in the state of the print mode actuator.

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24. An image forming device, comprising:

means for identifying a print mode setting associated with a document received for printing in an image forming device; and

10 means for implementing a printing of at least a portion of a document monochromatically or in color based upon the print mode setting and a state of a print mode actuator in the image forming device.

15 25. The image forming device of claim 24, further comprising means for detecting a change in the state of the print mode actuator during an execution of a raster image processing of the document, wherein the raster image processing is one of a monochromatic raster image processing or a color raster image processing.

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26. The image forming device of claim 25, further comprising means for implementing a transition of the raster image processing of the document at a transition point in response to the change in the state of the print mode actuator.

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27. A method, comprising:

determining a state of a print mode actuator, the print mode actuator having at least an application state and a black override state; and

30 executing a color raster image processing of a document if the print mode actuator is in the application state and the document includes a color print setting.

28. The method of claim 27, further comprising:
  - executing a black raster image processing of the document if the document includes a black print setting; and
  - executing a black raster image processing of a document if the print mode actuator is in the black override state and the document includes a color print setting, thereby overriding the color print setting in the document.
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29. The method of claim 28, further comprising:
  - detecting a change of the print mode actuator during one of the executing the black raster image processing and the executing the color raster image processing of the document; and
  - transitioning between the executing the black raster image processing and the executing the color raster image processing of the document at a transition point in response to the change in the state of the print mode actuator.
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